

**PATENT** Attorney Docket No. P05424US1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

NG, Davis T. W., et al.

Group Art Unit: 1645

**SERIAL NO:** 

10/004,968

Examiner:

FILED:

December 5, 2001

Confirmation No: 784

TITLE:

METHODS AND COMPOSITIONS FOR HIGHLY EFFICIENT

PRODUCTION OF HETEROLOGOUS PROTEINS IN YEAST

YCENTER ISON SON SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FILED WITHIN THREE MONTHS OF FILING OR **BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))** 

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This information disclosure statement is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. Copies of the listed references are enclosed. The Examiner is requested to consider the references and make them of record.

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

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and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. A copy of the International Search Report is also enclosed.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

Respectfully submitte

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- bja -

Attorneys of Record

Form PTO/SA08B (10-01)
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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) Sheet 1 of

C	mplete if Known	70	
Application Number	10/004,968	11,	
Filing Date	December 5, 2001	7	
First Named Inventor	NG, Davis T.W., et al	2. 9	
Art Unit	1645	V/2 3	
Examiner Name		<b>1</b>	
Attorney Docket Number	P05424US1	160	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No.1	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 5,714,377			
		US-		<del></del>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ 6
	2	PCT/US 01/47319	04/08/2003	Penn State - International Search Report		
	3	WO 94/26873	11/24/1994	Kabi Pharmacia, Ernst		
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<sup>\*</sup>EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

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4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 

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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/004,968

December 5, 2001

NG, Davis T.W., 1645

P05424US1 10/004,968 SUPPLEMENTAL **Filing Date** INFORMATION DISCLOSURE First Named Inventor STATEMENT BY APPLICANT Group Art Unit Examiner Name (Use as many sheets as necessary) Sheet Attorney Docket Number 2 of

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	2,
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	300
	4	"Distinct retrieval and retention mechanisms are required for the quality control of endoplasmic reticulum protein folding" The Journal of Cell Biollogy, Vol. 155, No. 3, 10/29/2001	
	5	"Functional and Genomic Analyses Reveal an Essential Cordination between the Unfolded Protein Response and ER-Associated Degradation" Cell, Vol. 101, 249-258, 4/28/2000	
	6	Construction of phosphatidylethanolamine-less strain of Saccharomyces cerevisiae. Effect on amino acid transport" Institute of Cell Biology and Plant Physiology; Research Article Yeast 2001; 18:251-260.	
	7	Communication XP-002097300 "The BST1 Gene of ISaccharomyces cerevisiae <i>Is the Sphingosine-1-phosphate Lyase</i> " The Journal of Biological Chemistry, Vol. 272, No. 42, 10/17/1997	

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Examiner	Date	
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